IT IS CLAIMED:

1. A method of obtaining flavonoids comprising obtaining a plant that overexpresses *ANT1* compared to wild-type plants, and extracting a flavonoid from the plant.

2. The method of claim 1 wherein the plant is a transgenic plant that contains a transformation vector that causes the overexpression of *ANT1*.

3. The method of claim 1 wherein the plant has been selectively bred to have an allele of or mutation in an endogenous *ANT1* gene that causes the overespression of *ANT1* compared to plants lacking the allele or mutation.

4. The method of any of claims 1-3 or 2 wherein the plant is selected from the group consisting of tomato plants and tobacco plants.

5. The method of claim 4 wherein the plant is tomato and the flavonoid extracted is an anthocyanin selected from the group consisting of delphinidin 3-rutinoside-5-glucoside, delphinidin 3-(coumaroyl)rutinoside-5-glucoside, delphinidin 3-(caffeoyl)rutinoside-5-glucoside, petunidin 3-rutinoside-5-glucoside, petunidin 3-(coumaroyl)rutinoside-5-glucoside, petunidin 3-(caffeoyl)rutinoside-5-glucoside, malvidin3-rutinoside-5-glucoside, malvidin 3-(coumaroyl)rutinoside-5-glucoside, and malvidin 3-(caffeoyl)rutinoside-5-glucoside.

6. The method of claim 4 wherein the plant is tobacco and the flavonoid extracted is an anthocyanin selected from the group consisting of cyanidin-3-glucoside and cyanidin-3-rutinoside.

7. The method of claim 4, wherein the plant is tomato, and wherein the flavonoid extracted is an isoflavone.

8. The method of claim 7, wherein the isoflavone is glycitein.

9. A flavonoid-containing plant extract obtained by the method of any one of claims 1-8.